

Appl. No. 10/711,794
Amdt. dated July 27, 2005
Reply to Office action of March 28, 2005

AMENDMENTS TO THE CLAIMS

Claim 1 (currently amended): A package structure comprising:

- 5 a lead frame having a plurality of first leads, each of which includes a first
 recession;
 at least a ~~first device~~ semiconductor chip; and
 a plurality of first solder joints respectively positioned in the first recessions for
 connecting the ~~first device~~ semiconductor chip to the lead frame.

- 10 Claim 2 (currently amended) The package structure of claim 1 wherein the ~~first device is~~
 ~~a semiconductor chip~~. lead frame further comprises a plurality of second leads, each of
 which includes a second recession.

- 15 Claim 3 (currently amended): The package structure of claim ~~1~~2 wherein the package
 structure comprises at least one passive device having a plurality of outputs respectively
 positioned in the second recessions, and a plurality of second solder joints respectively
 positioned in the second recessions for connecting the ~~second~~ passive device to the lead
 frame..

- 20 Claim 4 (original): The package structure of claim 3 wherein the passive device is an
 electrical resistor, a capacitor, or an inductor.

Claim 5 (cancelled)

- 25 Claim 6 (cancelled)

Claim 7 (cancelled)

Appl. No. 10/711,794
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Claim 8 (cancelled)

Claim 9 (currently amended): The package structure of claim ~~8~~3 wherein ~~the second device is a semiconductor die and the second solder joints is are composed~~ comprised of
5 tin or tin alloy.

Claim 10 (currently amended): The package structure of claim ~~2~~1 wherein the lead frame comprises a die pad connected to the ~~first device semiconductor chip~~ for radiating the heat produced by the first device semiconductor chip by serving as a heat sink.
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Claim 11 (currently amended): The package structure of claim 10 wherein the ~~chip sink die pad includes~~ comprises a ground pad connected to both ground and the ~~first device semiconductor chip~~.

15 Claim 12 (currently amended): The package structure of claim 1 wherein the first solder joints ~~is are composed~~ comprised of tin or tin alloy.

Claim 13 (new): The package structure comprising:

- a lead frame having a plurality of first leads, wherein at least two of the first leads comprises a first recession;
- 20 at least a passive device, wherein each output of the passive device is respectively positioned in the first recession; and
- a plurality of first solder joints respectively positioned in the first recessions for connecting the passive device to the lead frame.

Claim 14 (new): The package structure of claim 13 wherein the package structure further
25 comprises a semiconductor chip and a plurality of leading wires, wherein the semiconductor chip is connected to the leading wires.

Claim 15 (new): The package structure of claim 13 wherein the passive device is an

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electrical resistor, a capacitor, or an inductor.

Claim 16 (new): The package structure of claim 13 wherein the first solder joints are comprised of tin or tin alloy.

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